

Table 1: LHP – Excluding NHL & Leukemia

Styrene Production, Polymerization

Reference	Obs	Exp	SMR	95% CI	Brief Citation
4	12	6.1	1.97	1.02- 3.45	Bond, 1992

Styrene-based Reinforced Plastics

Reference	Obs	Exp	SMR	95% CI	
5	16	17.4	0.92	0.52-1.49	Wong, 1994
6	17	18.1	0.94	0.55-1.50	Kogevinas, 1994a
7	28	34.0	0.82	0.55-1.19	Kolstad, 1994
	10	11.8	0.85	0.40-1.56	Ruder, 2004

Styrene-butadiene Rubber

Reference	Obs	Exp	SMR	95% CI	
9	38	38.2	0.99	0.69-1.36	Delzell, 2006

All	121	125.3	0.97	0.81-1.16	
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Table 2: NON-HODGKIN LYMPHOMA

Styrene Production, Polymerization

Reference	Obs	Exp	SMR	95% CI	Brief Citation.
10 4	3	0.6	5.36	1.10-15.65	Hodgson, 1985
5	7	6.0	1.17	0.47- 2.40	Bond, 1992

Styrene-based Reinforced Plastics

Reference	Obs	Exp	SMR	95% CI	Brief Citation
6	4	5.6	0.72	0.20-1.85	Wong, 1994
7	15	19.5	0.77	0.43-1.28	Kogevinas, 1994
	42	31.5	1.33	0.96-1.80	Kolstad, 1994

Styrene-butadiene Rubber

Reference	Obs	Exp	SMR	95% CI	Brief Citation
9	53	53.0	1.00	0.75-1.30	Delzell, 2006

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All	124	116.2	1.07	0.90-1.27	

Table 3: LEUKEMIA

Styrene Production, Polymerization					Brief Citation
Reference	Obs	Exp	SMR	95% CI	
10	0	0.1	0	0.00-12.35	Hodgson, 1985
4	9	7.6	1.18	0.54- 2.24	Bond, 1992

Styrene-based Reinforced Plastics

Reference	Obs	Exp	SMR	95% CI	
5	11	14.9	0.74	0.37-1.33	Wong, 1994
6	28	26.9	1.04	0.69-1.50	Kogevinas, 1994
7	42	34.4	1.22	0.88-1.65	Kolstad, 1994
	5	8.3	0.60	0.19-1.40	Ruder, 2004

Styrene-butadiene Rubber

Reference	Obs	Exp	SMR	95% CI	
9	71	61.2	1.16	0.91-1.47	Delzell, 2006

All	157	145.4	1.08	0.89-1.31	

Table 4: POSITIVE FINDINGS

Reference	<u>Leukemia</u>			<u>Non-Hodgkin Lymphoma</u>			Brief Citation
	Obs	Exp	SMR	Obs	Exp	SMR	
4	no positive result			3	0.6	5.36	Hodgson, 1985
7	9	7.6	1.18	7	6.0	1.17	Bond, 1992
9	42	34.4	1.22	42	31.5	1.33	Kolstad, 1994
All	71	61.2	1.16	no positive result			Delzell, 2006
	122	103.2	1.18	52	38.1	1.36	

Table 5: SUMMARY OF INTERNAL ANALYSES

Study/Metric	Leuk	NHL
Kogevinas 1994 duration of exp. time since hire	No	No
avg. exposure	No	Yes
cumulative exp.	No	Yes
	No	No
Kolstad 1994 duration of exp. early v. recent	Inverse Yes	No No
weak Delzell 2006 duration of exp. early v. recent	Yes	No
cumulative exp.	No	-
peaks	Yes→No	weak